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# QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES 2nd QUARTER 2013

**Special Notice:** Effective with the March 2014 release, quarterly services estimates will be revised based on the results of the 2012 Service Annual Survey.

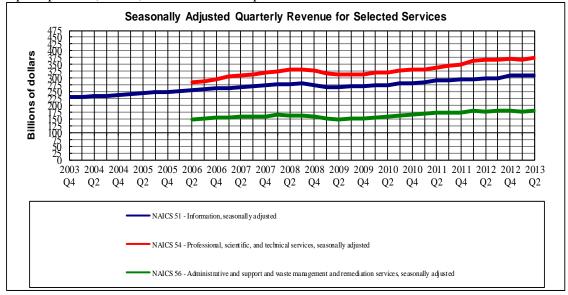
**Intention to Expand Coverage:** Effective with the March 2014 release, the coverage of the Quarterly Services Survey will expand to include revenue estimates for the Accommodation subsector (NAICS 721).

**2013 Economic Indicator Webinar Series:** To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the 2013 Economic Indicator Webinar Series. For more information go to <a href="https://www.census.gov/econ/webinar">www.census.gov/econ/webinar</a>.

<u>Information</u> The U.S. Census Bureau announced today that the estimate of U.S. information sector revenue for the second calendar quarter of 2013, adjusted for seasonal variation but not for price changes, was \$310.9 billion, an increase of 0.6 percent ( $\pm$  0.4%) from the first quarter of 2013 and up 4.2 percent ( $\pm$  1.7%) from the second quarter of 2012.

<u>Professional, scientific, and technical services</u> The estimate of U.S. professional, scientific, and technical services revenue for the second quarter of 2013, adjusted for seasonal variation but not for price changes, was \$375.5 billion, an increase of 2.3 percent ( $\pm$  1.5%) from the first quarter of 2013 and up 2.2 percent ( $\pm$  2.1%) from the second quarter of 2012.

Administrative and support and waste management and remediation services. The estimate of U.S. administrative and support and waste management and remediation services revenue for the second quarter of 2013, adjusted for seasonal variation but not for price changes, was \$181.1 billion, an increase of 2.5 percent ( $\pm$  1.3%) from the first quarter of 2013 and up 1.7 percent ( $\pm$  3.0%)\* from the second quarter of 2012.



<sup>\*</sup> The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

# QUARTERLY ESTIMATES FOR SELECTED SERVICE INDUSTRIES 2ND QUARTER 2013– Con.

<u>Utilities (excluding government owned)</u> The estimate of U.S. utilities (excluding government owned) revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$126.1 billion, a decrease of 7.1 percent  $(\pm 1.3\%)$  from the first quarter of 2013 and up 5.6 percent  $(\pm 2.1\%)$  from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from 8.3 percent  $(\pm 2.3\%)$  to 8.7 percent  $(\pm 2.1\%)$ .

<u>Transportation and warehousing</u> The estimate of U.S. transportation and warehousing revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$204.3 billion, an increase of 7.7 percent ( $\pm$  1.5%) from the first quarter of 2013 and up 3.1 percent ( $\pm$  0.8%) from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from -3.4 percent ( $\pm$  0.8%) to -3.3 percent ( $\pm$  0.8%).

<u>Finance and insurance</u> The estimate of U.S. finance and insurance revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$879.9 billion, an increase of 0.8 percent ( $\pm$  1.3%)\* from the first quarter of 2013 and up 4.2 percent ( $\pm$  2.7%) from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was not revised from 0.3 percent ( $\pm$  1.7%)\*.

**Real estate and rental and leasing** The estimate of U.S. real estate and rental and leasing revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$128.2 billion, an increase of 13.1 percent ( $\pm$  3.8%) from the first quarter of 2013. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from -4.2 percent ( $\pm$  1.7%) to -4.3 percent ( $\pm$  1.9%).

Educational services The estimate of U.S. educational services revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$17.1 billion, an increase of 11.3 percent ( $\pm$  2.8%) from the first quarter of 2013 and up 13.0 percent ( $\pm$  4.4%) from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from 3.6 percent ( $\pm$  3.6%)\* to 3.7 percent ( $\pm$  3.6%).

Health care and social assistance The estimate of U.S. health care and social assistance revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$535.1 billion, an increase of 1.9 percent ( $\pm$  0.6%) from the first quarter of 2013 and up 3.7 percent ( $\pm$  1.5%) from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from 0.1 percent ( $\pm$  0.9%)\* to -0.1 percent ( $\pm$  1.1%)\*.

Arts, entertainment, and recreation The estimate of U.S. arts, entertainment, and recreation revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$53.3 billion, an increase of 13.8 percent ( $\pm$  4.4%) from the first quarter of 2013 and up 1.2 percent ( $\pm$  2.1%)\* from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was revised from -6.9 percent ( $\pm$  3.2%) to -6.4 percent ( $\pm$  2.8%).

Other services (except public administration) The estimate of U.S. other services (except public administration) revenue for the second quarter of 2013, not adjusted for seasonal variation, or price changes, was \$105.4 billion, a decrease of 1.2 percent ( $\pm$  3.0%)\* from the first quarter of 2013 and up 8.0 percent ( $\pm$  2.5%) from the second quarter of 2012. The fourth quarter of 2012 to first quarter of 2013 percent change was not revised from -4.3 percent ( $\pm$  5.1%)\*.

Additional industry detail and estimates of source of revenue, expenses, inpatient days, and discharges can be found at: http://www.census.gov/services/index.html.

For survey description, description of seasonal adjustment and an explanation of the reliability of the estimates included in this report, please see the last page of the publication.

#### Third quarter 2013 estimates are scheduled to be released on December 4, 2013, at 10:00 A.M. EST.

\* The 90 percent confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

### Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted 1

[Estimates are adjusted for seasonal variation but not for price changes and are based on data from the Quarterly Services Survey. For additional information

see www.census.gov/services]

2007			Total ı	revenue (m	nillions of d	lollars)		Percent change								
NAICS	Kind of business	2Q	1Q	4Q	3Q	2Q	1Q	2Q 2013	1Q 2013	4Q 2012	3Q 2012	2Q 2013	1Q 2013			
code 2		2013	2013	2012	2012	2012	2012	from	from	from	from	from	from			
		<b>(p</b> )						1Q 2013 (p)	4Q 2012	3Q 2012	2Q 2012	2Q 2012 (p)	1Q 2012			
51	Information	310,908	309,155	308,848	300,019	298,357	296,354		0.1	2.9	0.6	4.2	4.3			
5112	Software publishers				· ′	_ ′			6.4	3.5		5.2	10.3			
512	Motion picture and sound recording industries	24,349	23,679	24,593	24,082	24,127	24,103	2.8	-3.7	2.1	-0.2	0.9	-1.8			
54	Professional, scientific, and technical services <sup>3</sup>	375,526	367,081	370,670	367,576	367,269	363,514	2.3	-1.0	0.8	0.1	2.2	1.0			
5411	Legal services <sup>3</sup>	68,456	63,750	69,916	66,696	66,441	66,914	7.4	-8.8	4.8	0.4	3.0	-4.7			
5412	Accounting, tax preparation, bookkeeping,															
	and payroll services	33,394	33,013	33,460	33,194	32,764	32,203	1.2	-1.3	0.8	1.3	1.9	2.5			
56	Administrative and support and waste management															
	and remediation services <sup>4</sup>	181,138	176,694	180,821	181,020	178,126	179,141	2.5	-2.3	-0.1	1.6	1.7	-1.4			
5613	Employment services	63,520	62,016	63,211	63,614	62,281	62,563	2.4	-1.9	-0.6	2.1	2.0	-0.9			
5615	Travel arrangement and reservation services	9,261	9,500	9,853	10,534	10,298	10,490	-2.5	-3.6	-6.5	2.3	-10.1	-9.4			
561 pt	Other administrative and support services 5	87,916	85,069	87,579	86,590	84,833	85,041	3.3	-2.9	1.1	2.1	3.6	Z			
562	Waste management and remediation services	20,441	20,109	20,178	20,282	20,714	21,047	1.7	-0.3	-0.5	-2.1	-1.3	-4.5			
622	Hospitals	234,888	230,543	229,005	226,784	224,341	223,621	1.9	0.7	1.0	1.1	4.7	3.1			

<sup>(</sup>p) Preliminary estimate. Z Absolute value is less than .05.

- (1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.
- (2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or www.census.gov/eos/www/naics/.
- (3) Excludes NAICS 54112 (offices of notaries).
- (4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for NAICS 5613, 5615, 561 pt, and 562.
- (5) Includes NAICS 5611 (office administrative services), 5612 (facilities support services), 5614 (business support services), 5616 (investigation and security services), 5617 (services to buildings and dwellings), and 5619 (other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

## Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see

www.census.gov/services]

www.c	ensus.gov/services]		Total r	evenue (m	illions of	dollars)			Percent	change	Year to date			
2007		2Q	1Q	4Q	3Q	2Q	1Q	2Q 2013	1Q 2013	2Q 2013	1Q 2013	2013	2012	2013
NAICS	Kind of business	2013	2013	2012	2012	2012	2012	from	from	from	from	( <b>p</b> )		from
code 1		<b>(p)</b>	(r)					_	4Q 2012	2Q 2012	-			2012
22	Utilities <sup>2</sup>	40444	425.042	444000	400 500	440.400	424.220	(p)	(r)	(p)	(r)	254.050	250	(p)
22 2211	Electric power generation, transmission and distribution.	126,147	135,813	124,938		119,432		-7.1	8.7	5.6	3.4	261,960	250,771	4.5
	1 &	103,476	102,629	98,109	120,341	100,720	•	0.8	4.6	2.7	3.0	206,105	200,353	2.9
2212	Natural gas distribution	19,280	30,142	23,579	14,709	15,394	28,643	-36.0	27.8	25.2	5.2	49,422	44,037	12.2
2213	Water, sewage and other systems	3,391	3,042	3,250	3,682	3,318	3,063	11.5	-6.4	2.2	-0.7	6,433	6,381	0.8
48-49	Transportation and warehousing 3	204,319	189,721	196,153	197,461	198,204	184,278	7.7	-3.3	3.1	3.0	394,040	382,482	3.0
481	Air transportation	49,884	44,785	45,628	49,604	50,687	45,480	11.4	-1.8	-1.6	-1.5	94,669	96,167	-1.6
483	Water transportation	9,978	9,903	10,428	10,736	9,560	8,974	0.8	-5.0	4.4	10.4	19,881	18,534	7.3
4831	Deep sea, coastal, and Great Lakes water transportation	8,268	8,137	8,420	8,979	X	X	1.6	-3.4	X	X	16,405	X	X
4832	Inland water transportation.	1,710	1,766	2,008	1,757	X	X	-3.2	-12.1	X	X	3,476	X	X
484	Truck transportation	59,440	54,418	57,246	58,475	58,125	53,999	9.2	-4.9	2.3	0.8	113,858	112,124	1.5
4841	General freight trucking	40,900	38,276	39,404	39,003	39,033	36,573	6.9	-2.9	4.8	4.7	79,176	75,606	4.7
48412	General freight trucking, long-distance	35,468	33,061	33,641	33,232	33,400	31,335	7.3	-1.7	6.2	5.5	68,529	64,735	5.9
4842	Specialized freight trucking	18,540	16,142	17,842	19,472	19,092	17,426	14.9	-9.5	-2.9	-7.4	34,682	36,518	-5.0
485	Transit and ground passenger transportation	8,318	7,742	7,424	6,579	7,786	7,319	7.4	4.3	6.8	5.8	16,060	15,105	6.3
486	Pipeline transportation	10,537	10,662	10,845	9,724	8,953	9,426	-1.2	-1.7	17.7	13.1	21,199	18,379	15.3
487	Scenic and sightseeing transportation	1,026	533	869	1,243	965	387	92.5	-38.7	6.3	37.7	1,559	1,352	15.3
488	Support activities for transportation	36,106	32,712	34,417	33,913	34,651	31,768	10.4	-5.0	4.2	3.0	68,818	66,419	3.6
492	Couriers and messengers	21,542	21,499	22,094	20,317	20,726	20,407	0.2	-2.7	3.9	5.4	43,041	41,133	4.6
493	Warehousing and storage	7,488	7,467	7,202	6,870	6,751	6,518	0.3	3.7	10.9	14.6	14,955	13,269	12.7
					-									
51	Information	309,664	302,663	320,584	296,119	297,462		2.3	-5.6	4.1	4.3	612,327	587,593	4.2
511	Publishing industries (except Internet)	67,632	66,007	73,413	64,759	66,632	•	2.5	-10.1	1.5	2.5	133,639	131,019	2.0
51111	Newspaper publishers	7,622	7,219	8,590	7,762	8,056		5.6	-16.0	-5.4	-5.9	14,841	15,731	-5.7
51112	Periodical publishers	9,414	8,537	10,276	9,380	9,684	9,535	10.3	-16.9	-2.8	-10.5	17,951	19,219	-6.6
5111 pt	Book, directory and mailing list, and other publishers 4	9,793	8,845	10,486	11,122	10,012	9,880	10.7	-15.6	-2.2	-10.5	18,638	19,892	-6.3
5112	Software publishers	40,803	41,406	44,061	36,495	38,880	1	-1.5	-6.0	4.9	11.0	82,209	76,177	7.9
512	Motion picture and sound recording industries	23,838	22,661	27,151	23,071	23,620	•	5.2	-16.5	0.9	-2.2	46,499	46,783	-0.6
515	Broadcasting (except Internet)	32,156	30,551	32,467	30,055	30,243	· ·	5.3	-5.9	6.3	5.3	62,707	59,264	5.8
5151	Radio and television broadcasting	14,225	13,965	15,739	14,465	13,853	•	1.9	-11.3	2.7	2.4	28,190	27,488	2.6
5152	Cable and other subscription programming	17,931	16,586	16,728	15,590	16,390	15,386	8.1	-0.8	9.4	7.8	34,517	31,776	8.6
517	Telecommunications	142,910	140,511	144,130	139,266	X	X	1.7	-2.5	X	X	283,421	X	X
5171	Wired telecommunications carriers	78,110	76,804	77,793	75,923	X	X	1.7	-1.3	X	X	154,914	X	X
5172	Wireless telecommunications carriers (except satellite)	56,589	55,726	58,093	55,442	54,527	53,938		-4.1	3.8	3.3	112,315	108,465	3.5
517 pt	Other telecommunications <sup>5</sup>	8,211	7,981	8,244	7,901	X	X	2.9	-3.2	X	X	16,192	X	X
518	Data processing, hosting, and related services	23,339	23,244	23,013	21,610	21,536	20,544	0.4	1.0	8.4	13.1	46,583	42,080	10.7
519	Other information services	19,789	19,689	20,410	17,358	X	X	0.5	-3.5	X	X	39,478	X	X
52	Finance and insurance <sup>6</sup>	879.912	872,526	870.349	867.281	844.148	858.053	0.8	0.3	4.2	1.7	1,752,438	1.702.201	3.0
52 pt	Finance and insurance (except monetary	0.5,512	0.2,020	0.0,015	007,201	011,110	020,022	0.0	0.0		247	1,702,100	1,7 02,201	
•	authorities-central bank) 7	857,652	854,233	846,305	843,249	818,481	831,270	0.4	0.9	4.8	2.8	1,711,885	1 649 751	3.8
521	Monetary authorities-central bank	22,260	18,293	24,044	24,032	25,667	26,783	21.7	-23.9	-13.3	-31.7	40,553	52,450	-22.7
522	Credit intermediation and related activities.	257,564		263,714			1		-3.8	-2.1	-4.1	511,178		-3.1
5221	Depository credit intermediation.		109,749	112,410		X			-2.4	X	X	221,430		X
5222	Nondepository credit intermediation.	113,741	113,634	118,644		X	X		-4.2	X	X	227,375	X	X
5223	Activities related to credit intermediation.	32,142	30,231	32,660		X		6.3	-7.4	X	X	62,373	X	X
523	Securities, commodity contracts, and other financial	32,142	30,231	32,000	32,207	21		0.5	7.4		21	02,373	1	^^
323	investments and related activities	139,435	140,857	134,491	133 707	129.061	145,137	-1.0	4.7	8.0	-2.9	280,292	274,198	2.2
5231	Securities and commodity contracts	137,433	140,037	134,471	133,707	127,001	143,137	-1.0	4.7	0.0	-2.7	200,272	274,170	2.2
3231	intermediation and brokerage	64,772	69,524	63,412	65,435	61,900	73,723	-6.8	9.6	1.6	-5.7	134,296	135,623	-1.0
5232	Securities and commodity exchanges	2,994		2,646	2,572	2,847	1		3.9	4.6 5.2	0.5	5,743	5,582	2.9
5232	Other financial investment activities	71,669		68,433	65,700	64,314	1		0.2	11.4	-0.1	140,253	132,993	5.5
524	Insurance carriers and related activities	460,653				· ·								
			459,762	448,100		426,236	1		2.6	8.1	9.0	920,415	847,915	8.6
5241	Insurance carriers	418,255	419,352	408,323	404,610	388,449	382,482	-0.3	2.7	7.7	9.6	837,607	770,931	8.6
5242	Agencies, brokerages, and other	40.000	40.410	20.777	20.055	27 707	20.10=	4.0		10.0	2.1	00.000	7 . 00 .	
	insurance related activities	42,398	40,410	39,777	39,066	37,787	39,197	4.9	1.6	12.2	3.1	82,808	76,984	7.6
53	Real estate and rental and leasing	128,160	113,295	118,370	117,850	X	X	13.1	-4.3	X	X	241,455	X	X
531	Real estate								-4.9	X	X	163,698	X	X
													l	

### Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2007   2007   2008	*******	ensus.gov/services]	Total revenue (millions of dollars) Percent change							Year to date					
NACE   Lessess of real catus.   500   607   707	2007		20					10	20 2013			10 2013			2013
Lessors of real estate   S5/P1   27.81   47.87   84.70   N   N   N   N   N   N   N   N   N	NAICS	Kind of business	_	-	_	_	_	-	_	-	-	_		2012	from
	code 1		<b>(p)</b>	(r)					_	_	-	_			2012
9312 Offices of real cente agents and brokers.  9123 13. Accomment cented for real cente agents and brokers.  9123 13. Accomment cented for real cente agents and brokers.  9123 13. Accomment cented for real cente agents and brokers.  9123 12. Accomment cented for real cente agents and brokers.  9123 12. Accomment cented for real cente agents and brokers.  9124 12. Accomment cented for real center and leasing.  9125 12. Accomment cented for real center and leasing.  9126 12. Accomment center and leasing.  9127 12. Accomment center and leasing.  9128 12. Accomment center and leasing.  9129 12. Accomment center and leasing.  9120 12. Accomment center and leasing.  9120 12. Accomment center and leasing.  9121 12. Accomment, settentific, and technical services.  9122 12. Accomment, tenter and leasing.  9123 12. Accomment, tenter and leasing.  9124 12. Accomment, tenter preparation, brokheeping.  9125 12. Accomment, tenter and leasing.  9125 12. Accomment, tenter and leasing.  9126 12. Accomment, tenter preparation, brokheeping.  9126 12. Accomment, tenter preparation, brokheeping.  9127 12. Accomment, tenter preparation, brokheeping.  9128 12. Accomment, tenter preparation, brokheeping.  9128 12. Accomment, tenter preparation, brokheeping.  9129 12. Accomment, tenter preparation, brokheeping.  9120 12. Accomment, tenter preparation, brokheeping.  9121 12. Accomment, tenter preparation, brokheeping.  9121 12. Accomment tenter tenter and tenter tenters.  9121 12. Accomment tenter tenter and tenter tenters.  9121 12. Accomment tente	5211	Loggers of real estate	55.021	47.012	47 927	49 100	v	v		(r)			102 924	V	(p)
Sample   S			· '	· ·	· ·	, i				10.5					X X
532 B.         Rental and lessing exvises         12.52         March 1970         22.60         26.60         6.6         4.5         4.7         6.0         6.0         4.5         4.0         6.0         6.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         5.50 <td></td> <td>_</td> <td></td> <td>· ·</td> <td></td> <td>, i</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td>		_		· ·		, i									X
Automotive cogniment cental and leasing						, i									5.6
Passenger car rental and leasing		e												· ·	5.7
Truck, untily trainer, and RV (Recreational value)   1,000		1 1					,	· ·						· ·	5.4
Vehiclo central and leasing		č	6,437	1,782	8,098	0,/0/	7,800	7,331	8.4	-3.9	7.3	3.3	10,219	15,391	3.4
Secondary   Seco	33212		4 152	2 657	2 926	4.001	2 004	2 422	12.5	4.4	6.1	6.5	7 900	7 227	6.4
General rental centrals.  1.140   1,000   1,056   1,065   1,025   1,025   1,025   1,07   0,0 7,0   2,1   2,143   2,090    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25   2.25    2.25	5322	·	· '	· ·	· ·	, i							<i>'</i>	,	-2.2
Commercial and industrial machinery and element current and ledesing			· 1		· ·	, i								· ·	2.5
equipment rental and leasing			1,140	1,003	1,050	1,001	1,003	1,023	13.7	-3.0	7.0	-2.1	2,143	2,090	2.3
Lessors of nonfimurcial intangible assets (except copyrighted works)	3324		13 304	12 720	13 065	13 311	12 575	11 224	16	8.0	5.9	13.3	26.024	23 700	9.3
Cexcept copyrighted works	533		15,504	12,720	13,903	13,311	12,373	11,224	4.0	-0.9	5.6	13.3	20,024	23,199	9.3
Professional, scientific, and technical services   378,50   362,67   377,42   32,49   369,840   369,879   4.4   3.9   2.3   0.8   741,200   729,719   128,731   128,	333		7 228	7 477	6 5 4 3	5 212	5 617	5.070	3 3	1/1/3	28.7	47.2	14 705	10 606	37.5
Legal services *			7,226	7,477	0,545	3,212	3,017	3,079	-3.3	14.3	26.7	47.2	14,703	10,090	31.3
Accounting, tax preparation, bookkeeping, and payroll services   35,211   30,319   29,478   28,078   34,500   38,485   -10,4   33,4   -2,1   2,2   74,550   72,983   5413   Architectural, engineering, and related services   16,029   14,181   14,285   16,095   16,019   14,181   14,285   14,095   16,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,285   14,019   14,181   14,			378,530	362,676	377,342	362,430	369,840	359,879	4.4	-3.9	2.3	0.8	741,206	729,719	1.6
and payroll services	5411	Legal services 8	68,319	59,670	76,069	65,429	66,175	62,698	14.5	-21.6	3.2	-4.8	127,989	128,873	-0.7
S413 pt   Architectural, engineering, and related services	5412														
S413 pt   Architectural and related services		* *	35,231	39,319	29,478	28,978	34,500	38,483	-10.4	33.4	2.1	2.2	74,550	72,983	2.1
Salitary	5413		63,483	58,541	60,551	63,174	63,672	58,825	8.4	-3.3	-0.3	-0.5	122,024	122,497	-0.4
Secondary   Seco		Architectural and related services 9	16,029	14,181	14,285	16,995	16,605	14,525	13.0	-0.7	-3.5	-2.4	30,210	31,130	-3.0
Second Computer systems design and related services   81,233   82,597   84,474   81,002   82,074   81,162   1.7   -2.2   -1.0   1.8   163,830   163,236	54133	Engineering services	47,454	44,360	46,266	46,179	47,067	44,300	7.0	-4.1	0.8	0.1	91,814	91,367	0.5
Second   Management, scientific, and technical consulting services		Specialized design services.	5,575	4,527	4,688	4,631	X	X	23.1	-3.4	X	X	10,102	X	X
Consulting services	5415	Computer systems design and related services	81,233	82,597	84,474	81,002	82,074	81,162	-1.7	-2.2	-1.0	1.8	163,830	163,236	0.4
5417         Scientific research and development services         35,853         33,926         34,001         36,043         33,977         34,240         5.7         -0.2         5.5         -0.9         69,779         68,237           5418         Advertising, public relations, and related services         17,090         17,124         17,175         17,177         17,177         17,177         17,177         X         X         3.4         -3.3         X         X         34,833         X           56         Administrative and support and waste management and remediation services         161,433         151,918         162,490         162,901         163,956         163,056         6.7         -6.1         1.7         -1.4         353,468         352,845           561         Administrative and support services         6,221         164,059         161,640         66,517         160,956         6.0         4.7         2.1         -0.9         123,225         131,224         17,104         182,246         184,145         179,000         173,545         6.7         -6.1         1.7         -1.4         353,483         33,222         2.0         1.8         4.0         -5.7         -6.3         6.7         -1.1         -1.4         353,483	5416	Management, scientific, and technical													
5418         Advertising, public relations, and related services.         24,891         23,588         25,511         23,297         23,180         22,767         5.5         7.5         7.4         3.6         48,479         45,947           561         Administrative and support and waste management and remediation services.         161,433         15,191         162,246         17,102         17,102         182,246         184,145         179,900         173,545         6.7         6.1         1.7         1.4         353,468         352,845           561         Administrative and support services.         161,433         15,191         162,901         182,024         182,146         189,001         135,550         6.3         6.5         2.1         -1.1         313,351         311,618           5615         Employment services.         62,221         60,004         65,171         64,059         61,534         60,936         4.0         -7.3         2.1         -0.9         123,222         122,470           561 pr         Other administrative and support services.         88,795         82,432         87,909         18,608         51,53,50         6.3         -6.7         -1.1         -4.4         40,117         41,227           61 pr         Chic		consulting services	46,236	43,384	44,855	42,129	44,034	40,226	6.6	-3.3	5.0	7.9	89,620	84,260	6.4
5419         Other professional, scientific, and technical services.         17,709         17,124         17,175         17,747         X         X         3,4         3,3         X         X         34,833         X           56         Administrative and support and waste management and remediation services         182,426         171,042         182,244         184,145         189,00         173,545         6.7         6.1         1.7         4.1         353,468         352,845           561         Administrative and support services         62,821         60,40         66,171         64,590         163,550         6.3         6.5         2.1         -0.9         123,225         122,470           5615         Employment services         9,817         9,822         9.90         10,850         10,937         10,039         8.1         -3.3         -10.2         -9.5         128,299         20,906           561 pt         Cother administrative and support services ""         88,795         82,2432         87,929         88,062         85,2575         7.7         -6.3         3.7         -0.2         171,272         168,72           61 pt         Waste management and remediation services ""         17,115         15,378         14,829         15,104	5417	Scientific research and development services	35,853	33,926	34,001	36,043	33,997	34,240	5.7	-0.2	5.5	-0.9	69,779	68,237	2.3
Administrative and support and waste management and remediation services   182,426   171,042   182,244   184,145   179,300   173,545   6.7   -6.1   1.7   -1.4   353,468   352,845   561   Administrative and support services   161,433   151,918   162,490   162,971   158,068   153,550   6.3   -6.5   2.1   -1.1   313,531   311,618   5613   Employment services   9,817   9,082   9,390   10,850   10,937   10,039   8.1   -3.3   -1.02   -0.9   123,225   122,470   125,000   10,000	5418	Advertising, public relations, and related services	24,891	23,588	25,511	23,297	23,180	22,767	5.5	-7.5	7.4	3.6	48,479	45,947	5.5
management and remediation services   161,433   151,918   162,490   162,971   158,068   153,550   6.3   6.5   2.1   -1.1   313,351   311,618   613   614,930   612,971   64,059   64,057   64,059   64,07   64,079   64	5419	Other professional, scientific, and technical services	17,709	17,124	17,715	17,747	X	X	3.4	-3.3	X	X	34,833	X	X
management and remediation services   161,433   151,918   162,490   162,971   158,068   153,550   6.3   6.5   2.1   -1.1   313,351   311,618   613   614,930   612,971   64,059   64,057   64,059   64,07   64,079   64	56	Administrative and amount													
561         Administrative and support services         161,433         51,918         162,490         162,971         158,068         153,550         6.3         -6.5         2.1         -1.1         313,351         311,618           5613         Employment services         62,821         60,404         65,171         64,099         61,334         60,936         4.0         -7.3         2.1         -0.9         122,272           5615         Travel arrangement and reservation services         9,817         9,082         9,390         10,087         10,039         8.1         -3.3         -10.2         -9.5         18,899         20,976           561 pt         Other administrative and support services ""         88,795         82,432         87.992         88,062         85,597         7.7         -6.3         3.7         -0.2         111,227         161,227           61         Educational services ""         17,115         15,378         14,829         15,104         15,147         15,545         11.3         3.7         10.2         11,227         168,172           6115         Descriptional and trade schools and computer and management training of the schools and instruction.         5,872         4,829         4,663         5,100         X         X	50		102 426	171 042	192 244	104 145	170 200	172 545	67	6.1	1.7	1.4	252 469	252 945	0.2
Employment services	561														0.2
5615 Travel arrangement and reservation services														· ·	
561 pt         Other administrative and support services 10 Waste management and remediation services 20,993   19,124   19,754   21,174   21,232   19,995   9,8   3,2   -1,1   -4,4   40,117   41,227         161 Educational services 11		* *												· ·	
562         Waste management and remediation services         20,993         19,124         19,754         21,174         21,232         19,995         9,8         -3,2         -1,1         -4,4         40,117         41,227           61         Educational services <sup>11</sup> 17,115         15,378         14,829         15,104         15,147         15,545         11,3         3,7         13,0         -1,1         32,493         30,692           6114         Business schools and computer and management training         3,021         3,003         2,832         2,631         2,665         2,502         0.6         6.0         13,4         20,0         6,024         5,167           6115         Technical and trade schools         4,006         4,006         4,003         3,889         4,151         3,928         4,418         0.1         2,9         2,0         9,4         8,009         8,346           6117         Educational support services         4,216         3,543         3,445         3,222         3,308         3,333         19,0         2.8         27,4         6,3         7,759         6,641           62         Health care and social assistance         535,068         525,346         525,549         510,638         <			· '	· ·	· ·	, i	,							· ·	1.8
Educational services   1	_		· '	· ·	· ·	, i	,							· ·	-2.7
6114         Business schools and computer and management training         3,021         3,003         2,832         2,631         2,665         2,502         0.6         6.0         13.4         20.0         6,024         5,167           6115         Technical and trade schools         4,006         4,003         3,889         4,151         3,928         4,418         0.1         2.9         2.0         -9.4         8,009         8,346           6116         Other schools and instruction         5,872         4,829         4,663         5,100         X         X         21.6         3.6         X         X         10,701         X           6117         Educational support services         4,216         3,543         3,445         3,222         3,308         3,333         19.0         2.8         27.4         6.3         7,759         6,641           62         Health care and social assistance         535,068         525,346         525,799         510,638         515,922         514,383         1.9         0.1         3.7         2.1         1,060,414         1,030,055           621         Ambulatory health care services         209,141         202,500         206,662         199,014         202,770         200,679	302		20,773	17,124	17,754	21,174	21,232	17,773	7.0	-3.2	-1.1	-4.4	40,117	41,227	-2.7
6115         Technical and trade schools         4,006         4,003         3,889         4,151         3,928         4,418         0.1         2.9         2.0         -9.4         8,009         8,346           6116         Other schools and instruction         5,872         4,829         4,663         5,100         X         X         21.6         3.6         X         X         10,701         X           6117         Educational support services         4,216         3,543         3,445         3,222         3,308         3,333         19.0         2.8         27.4         6.3         7,759         6,641           62         Health care and social assistance         535,068         525,346         525,799         510,638         515,922         514,383         1.9         -0.1         3.7         2.1         1,060,414         1,030,05           621         Ambulatory health care services         209,141         202,2500         206,662         199,014         202,770         200,679         3.3         -2.0         3.1         1,060,414         1,030,305           621         Offices of physicians         102,233         98,304         103,119         96,272         98,707         97,033         4.0         4.7 <td>61</td> <td></td> <td></td> <td>15,378</td> <td>14,829</td> <td>15,104</td> <td>15,147</td> <td>15,545</td> <td>11.3</td> <td>3.7</td> <td>13.0</td> <td>-1.1</td> <td>32,493</td> <td>30,692</td> <td>5.9</td>	61			15,378	14,829	15,104	15,147	15,545	11.3	3.7	13.0	-1.1	32,493	30,692	5.9
6116 Other schools and instruction.		1 0	3,021	3,003	2,832	2,631	2,665	2,502	0.6	6.0	13.4	20.0	6,024	5,167	16.6
621 Health care and social assistance			4,006	4,003	3,889	4,151	3,928	4,418	0.1	2.9	2.0	-9.4	8,009	8,346	-4.0
62         Health care and social assistance         535,068         525,346         525,346         525,799         510,638         515,922         514,383         1.9         -0.1         3.7         2.1         1,060,414         1,030,305           621         Ambulatory health care services         209,141         202,500         206,662         199,014         202,770         200,679         3.3         -2.0         3.1         0.9         411,641         403,449           6211         Offices of physicians         102,233         98,304         103,119         96,272         98,707         97,033         4.0         -4.7         3.6         1.3         200,537         195,740           6212         Offices of dentists         5         25,525         24,227         26,150         26,592         27,236         \$         5.4         \$         -6.3         \$         53,828           6213         Offices of other health practitioners         16,839         16,464         16,040         15,866         16,320         16,167         2.3         2.6         3.2         1.8         33,303         3,2487           6214         Outpatient care centers         26,012         25,332         26,106         24,699         24,903		Other schools and instruction	5,872	4,829	4,663	5,100	X	X	21.6	3.6	X	X	10,701	X	X
621 Ambulatory health care services	6117	Educational support services	4,216	3,543	3,445	3,222	3,308	3,333	19.0	2.8	27.4	6.3	7,759	6,641	16.8
621 Ambulatory health care services															1
6211 Offices of physicians.															
6212 Offices of dentists		*												· ·	2.0
6213       Offices of other health practitioners       16,839       16,464       16,040       15,866       16,320       16,167       2.3       2.6       3.2       1.8       33,303       32,487         6214       Outpatient care centers       26,012       25,332       26,106       24,699       24,903       24,301       2.7       -3.0       4.5       4.2       51,344       49,204         6215       Medical and diagnostic laboratories       11,614       11,439       11,558       11,655       11,949       11,964       1.5       -1.0       -2.8       -4.4       23,053       23,913         6216       Home health care services       17,381       16,916       17,368       16,500       16,332       16,049       2.7       -2.6       6.4       5.4       34,297       32,381         6219       Other ambulatory health care services       8,932       8,520       8,244       7,872       7,967       7,929       4.8       3.3       12.1       7.5       17,452       15,896         622       Hospitals       235,828       232,618       227,631       225,197       225,238       225,634       1.4       2.2       4.7       3.1       468,446       450,872			102,233										200,537	· ·	2.5
6214       Outpatient care centers       26,012       25,332       26,106       24,699       24,903       24,301       2.7       -3.0       4.5       4.2       51,344       49,204         6215       Medical and diagnostic laboratories       11,614       11,439       11,558       11,655       11,949       11,964       1.5       -1.0       -2.8       -4.4       23,053       23,913         6216       Home health care services       17,381       16,916       17,368       16,500       16,332       16,049       2.7       -2.6       6.4       5.4       34,297       32,381         6219       Other ambulatory health care services       8,932       8,520       8,244       7,872       7,967       7,929       4.8       3.3       12.1       7.5       17,452       15,896         622       Hospitals       235,828       232,618       227,631       225,197       225,238       225,634       1.4       2.2       4.7       3.1       468,446       450,872         6221       General medical and surgical hospitals       221,413       218,295       213,317       211,776       X       X       1.4       2.3       X       X       439,708       X         6223			. S										S	· ·	S
6215       Medical and diagnostic laboratories       11,614       11,439       11,558       11,655       11,949       11,964       1.5       -1.0       -2.8       -4.4       23,053       23,913         6216       Home health care services       17,381       16,916       17,368       16,500       16,332       16,049       2.7       -2.6       6.4       5.4       34,297       32,381         6219       Other ambulatory health care services       8,932       8,520       8,244       7,872       7,967       7,929       4.8       3.3       12.1       7.5       17,452       15,896         622       Hospitals       235,828       232,618       227,631       225,197       225,238       225,634       1.4       2.2       4.7       3.1       468,446       450,872         6221       General medical and surgical hospitals       221,413       218,295       213,317       211,776       X       X       1.4       2.3       X       X       439,708       X         6222       Psychiatric and substance abuse hospitals       4,869       5,005       5,138       4,645       X       X       2.4       1.5       X       X       18,864       X         6223 <td< td=""><td></td><td>*</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>· ·</td><td>2.5</td></td<>		*												· ·	2.5
6216 Home health care services		•												· ·	4.3
6219 Other ambulatory health care services															
622 Hospitals								· ·							5.9
6221 General medical and surgical hospitals		-													9.8
6222 Psychiatric and substance abuse hospitals		*						· ·							
6223 Specialty (except psychiatric and substance abuse) hospitals															
hospitals		•	4,869	5,005	5,138	4,645	X	X	-2.7	-2.6	X	X	9,874	X	X
	6223														1
			· ·	· ·									-		X
623 Nursing and residential care facilities	623	Nursing and residential care facilities	52,235	52,324	52,194	51,029	50,920	50,654	-0.2	0.2	2.6	3.3	104,559	101,574	2.9

#### Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

200=			Total r	evenue (m	illions of	dollars)			Percent	change		Year to date				
2007		2Q	1Q	4Q	3Q	2Q	1Q	2Q 2013	1Q 2013	2Q 2013	1Q 2013	2013	2012	2013		
NAICS	Kind of business	2013	2013	2012	2012	2012	2012	from	from	from	from	<b>(p)</b>		from		
code 1		<b>(p)</b>	(r)					1Q 2013 (p)	4Q 2012 (r)	2Q 2012 (p)	1Q 2012 (r)			2012 (p)		
624	Social assistance	37,864	37,904	39,312	35,398	36,994	37,416	-0.1	-3.6	2.4	1.3	75,768	74,410			
6241	Individual and family services.	19,153	19,230	18,579	17,428	17,905	18,572	-0.4	3.5	7.0	3.5	38,383	36,477	5.2		
6242	Community food and housing, and emergency	17,133	17,230	10,577	17,420	17,703	10,572	0.4	5.5	7.0	5.5	30,303	30,477	3.2		
02.2	and other relief services	7.165	7.020	0.602	6 6 4 1	6.007	c 702	2.1	10.2	2.4	2.4	14.105	12.700	2.0		
6243	Vocational rehabilitation services	7,165 3,513	7,020 3,406	8,683 3,497	6,641 3,664	6,997 3,598	6,792 3,527	2.1	-19.2 -2.6	2.4 -2.4	3.4 -3.4	14,185 6,919	13,789 7,125	2.9 -2.9		
6244				· ·					-2.6 -3.6			· ·	,			
0244	Child day care services	8,033	8,248	8,553	7,665	8,494	8,525	-2.6	-3.6	-5.4	-3.2	16,281	17,019	-4.3		
71	Arts, entertainment, and recreation	53,271	46,802	50,022	55,018	52,655	46,477	13.8	-6.4	1.2	0.7	100,073	99,132	0.9		
711	Performing arts, spectator sports, and related industries	20,256	17,671	21,983	22,707	20,320	17,493	14.6	-19.6	-0.3	1.0	37,927	37,813	0.3		
7111	Performing arts companies	3,312	3,003	3,897	3,478	3,500	3,263	10.3	-22.9	-5.4	-8.0	6,315	6,763	-6.6		
7112	Spectator sports	7,940	6,582	8,927	10,127	8,066	6,049	20.6	-26.3	-1.6	8.8	14,522	14,115	2.9		
7113	Promoters of performing arts, sports, and similar events	4,827	4,137	4,363	4,860	4,721	4,053	16.7	-5.2	2.2	2.1	8,964	8,774	2.2		
7114	Agents and managers for artists, athletes,															
	entertainers, and other public figures	1,266	1,169	1,552	1,407	1,266	1,213	8.3	-24.7	Z	-3.6	2,435	2,479	-1.8		
7115	Independent artists, writers, and performers	2,911	2,780	3,244	2,835	2,767	2,915	4.7	-14.3	5.2	-4.6	5,691	5,682	0.2		
712	Museums, historical sites, and similar institutions	3,812	2,798	3,617	3,447	3,361	2,967	36.2	-22.6	13.4	-5.7	6,610	6,328	4.5		
713	Amusement, gambling, and recreation industries	29,203	26,333	24,422	28,864	28,974	26,017	10.9	7.8	0.8	1.2	55,536	54,991	1.0		
7131	Amusement parks and arcades	4,477	2,998	3,483	5,219	4,481	2,665	49.3	-13.9	-0.1	12.5	7,475	7,146	4.6		
7132	Gambling industries	7,259	7,172	6,598	6,741	6,751	7,023	1.2	8.7	7.5	2.1	14,431	13,774	4.8		
7139	Other amusement and recreation industries	17,467	16,163	14,341	16,904	17,742	16,329	8.1	12.7	-1.5	-1.0	33,630	34,071	-1.3		
81	Other services (except public administration) 12	105,447	106,770	111,581	106,161	97,677	104,585	-1.2	-4.3	8.0	2.1	212,217	202,262	4.9		
811	Repair and maintenance	36,571	35,039	34,858	37,115	37,366	35,275	4.4	0.5	-2.1	-0.7	71,610	72,641			
8111	Automotive repair and maintenance	22,001	21,442	20,884	23,316	23,390	21,793	2.6	2.7	-5.9	-1.6	43,443	45,183	-3.9		
8112	Electronic and precision equipment repair															
	and maintenance	5,244	5,252	5,340	4.921	4,926	5,099	-0.2	-1.6	6.5	3.0	10,496	10,025	4.7		
8113	Commercial and industrial machinery and equipment	-,	-,	-,	.,, ===	1,5 = 0	-,					,				
	(except automotive and electronic) repair and															
	maintenance	7,566	6,851	6,974	7,296	7,472	6,943	10.4	-1.8	1.3	-1.3	14,417	14,415	z		
8114	Personal and household goods repair and maintenance	1,760	1,494	1,660	1,582	1,578	1,440	17.8	-10.0	11.5	3.8	3,254	3,018			
812	Personal and laundry services	20,703	20,100	20,702	21,527	22,352	21,131	3.0	-2.9	-7.4	-4.9	40,803	43,483			
8121	Personal care services	7,499	7,075	7,075	7,270	7,637	6,859	6.0	Z	-1.8	3.1	14,574	14,496			
8122	Death care services.	3,780	3,811	3,942	3,944	4,114	4,045	-0.8	-3.3	-8.1	-5.8	7,591	8,159			
8123	Drycleaning and laundry services	,	5,074	5,223	5,456	5,660	5,678	3.1	-2.9	-7.5	-10.6	10,307	11,338			
8129	Other personal services	4,191	4,140	4,462	4,857	4,941	4,549	1.2	-7.2	-15.2	-9.0	8,331	9,490			
813	Religious, grantmaking, civic, professional, and	,		,	,	,-						.,	.,			
	similar organizations <sup>13</sup>	48,173	51,631	56,021	47,519	37,959	48,179	-6.7	-7.8	26.9	7.2	99,804	86,138	15.9		
( ) D 1	minary estimate (r) Revised estimate X Not applicable		_				-,					,	,	تنب		

(p) Preliminary estimate. (r) Revised estimate.

X Not applicable.

Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

- (1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2007 NAICS manual or www.census.gov/eos/www/naics/.
- (2) Excludes government owned utilities.
- (3) Excludes NAICS 482 (rail transportation) and 491 (postal service).
- (4) Includes NAICS 51113 (book publishers), 51114 (directory and mailing list publishers), and 51119 (other publishers).
- (5) Includes NAICS 5174 (satellite telecommunications), and 5179 (other telecommunications).
- (6) Excludes NAICS 525 (funds, trusts, and other financial vehicles).
- (7) Excludes NAICS 521 (monetary authorities-central bank) and NAICS 525 (funds, trusts, and other financial vehicles).
- (8) Excludes NAICS 54112 (offices of notaries).
- (9) Includes all of NAICS 5413 (architectural, engineering, and related services) except 54133 (engineering services).
- (10) Includes NAICS 5611 (office administrative services), 5612 (facilities support services), 5614 (business support services), 5616 (investigation and security services), 5617 (services to buildings and dwellings), and 5619 (other support services).
- (11) Excludes NAICS 6111 (elementary and secondary schools), 6112 (junior colleges), and 6113 (colleges, universities, and professional schools).
- (12) Excludes NAICS 8131 (religious organizations), 81393 (labor unions and similar labor organizations), 81394 (political organizations), and 814 (private households).
- (13) Excludes NAICS 8131 (religious organizations), 81393 (labor unions and similar labor organizations), and 81394 (political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses). US. Census Bureau 6

### Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

		Coefficient of variation for total revenue Standard error for percent chang						t change		Year to d				
2007			ciriciciii	or variat	IOII IOI K	rui revei	iuc	Standar	u ciroi i	or percen	tenunge		ation	Standard error
NAICS	Kind of business	2Q	1Q				2012	2013						
code		2013 (p)	(r)	2012	2012	2012	2012			from 2Q 2012		( <b>p</b> )		from 2012
	*******	• • •						(p)	(r)	(p)	(r)		•	(p)
<b>22</b> 2211	Utilities Electric power generation, transmission and distribution .	<b>3.8</b> 5.1	<b>4.0</b> 5.5	<b>3.5</b> 4.6	<b>4.4</b> 5.3	<b>4.2</b> 5.2	<b>5.4</b> 7.5		<b>1.1</b> 1.6	1.1 1.2		<b>3.9</b> 5.2	<b>2.8</b> 3.4	
2212	Natural gas distribution	3.3	2.5	3.3	3.9		2.7	1.3	1.3	1.7		2.7	1.9	
2213	Water, sewage and other systems	5.9	7.0	6.6		6.2	10.5		1.1	2.7		6.4		
48-49	Transportation and warehousing	2.1	1.8	1.8	2.1	1.9	2.4	0.8	0.4	0.4	4.0	1.9	1.3	1.9
481	Air transportation	4.1	4.1	4.6	4.9	5.0	9.1	0.2	0.8	1.0		4.1	6.3	
483	Water transportation	3.7	3.3	2.6	2.5	2.1	13.0	1.2	1.5	2.7	19.3	3.4	5.7	7.7
4831	Deep sea, coastal, and Great Lakes water transportation	4.6	4.3	3.6	3.1	X	X	1.4	1.9	X	X	4.4	X	X
4832	Inland water transportation	2.6	3.7	2.8	3.7	X	X	2.1	1.3	X	X	3.0	X	
484	Truck transportation	5.8	6.1	5.2	5.5	5.0	5.4	1.6	0.9	1.4	11.0	5.9		
4841	General freight trucking	8.9	9.1	7.6	8.2	7.5	6.4	2.0	1.5	3.2	16.6	9.0	3.7	
48412	General freight trucking, long-distance	9.8	10.1	8.4	9.3	8.6	7.5		1.7	3.7	20.8	9.9	4.3	
4842	Specialized freight trucking	3.8	4.4	2.7	2.4	2.1	14.8		2.4	2.8		4.0		
485	Transit and ground passenger transportation	5.6		4.3	5.7	3.2	9.0	1.5	2.1	3.6		5.6		
486 487	Pipeline transportation	6.6 2.6	5.6 5.7	5.2 11.4	5.2 4.3	5.5 4.7	1.2 6.7	0.9 11.2	0.5 6.9	1.2 4.7	8.6 11.9	6.1 3.0	2.8 2.9	
488	Support activities for transportation	10.0	8.5	9.3	9.0	10.2	5.6		0.9	1.7	7.1	9.2	7.7	
492	Couriers and messengers	2.9	2.9	3.1	3.5	3.4	1.9		0.5	1.0		2.9		
493	Warehousing and storage	8.0	7.4	7.2	7.2	7.8	7.1		3.0		13.7	7.7	5.7	
51	Information	3.3	3.3	3.3	3.1	3.3	1.2	0.2	0.3	0.9		3.3	2.1	
511	Publishing industries (except Internet)	3.0	3.1	3.1	2.0	2.2	3.1	0.5	0.6	1.3	3.0	3.1	2.2	
51111 51112	Newspaper publishers	7.1	6.0 3.0	6.6	6.9 2.9	6.7 3.5	7.2	1.8	1.3	2.6		6.5 2.8	4.0 3.0	
	Periodical publishers	2.7 2.1	1.5	3.5 1.6	1.9	3.3 1.7	5.6 2.4		1.6 1.0			1.6		
5111 pt 5112	Book, directory and mailing list, and other publishers  Software publishers	4.3	4.7	5.0	3.6		4.5		0.8			4.5	3.6	
5112	Motion picture and sound recording industries	4.4	4.8	4.0	4.9	4.4	3.6		1.7	2.5		4.5		
515	Broadcasting (except Internet)	1.1	1.2	1.4	1.1	0.9	1.7	0.6	0.3	0.6		1.1	1.1	
5151	Radio and television broadcasting	2.9	2.7	2.9	2.8	2.2	3.0	1.0	0.6	1.1	3.8	2.8	2.2	
5152	Cable and other subscription programming	1.0	1.0	1.1	1.1	1.1	1.0		0.1	0.6		0.9	0.5	
517	Telecommunications	5.7	5.9	5.9	5.8	X	X	0.3	0.7	X	X	5.8	X	X
5171	Wired telecommunications carriers	6.1	5.9	6.7	6.3	X	X	0.2	0.9	X	X	6.0	X	X
5172	Wireless telecommunications carriers (except satellite)	9.8	10.6	10.2	10.4	2.5	2.4	0.7	1.0	0.7	13.0	10.2	2.4	4.4
517 pt	Other telecommunications	3.0	2.9	3.4	2.9	X	X	1.1	0.9	X	X	2.9	X	X
518	Data processing, hosting, and related services	5.4	5.5	5.7	4.4	4.3	4.3	0.6	1.2	3.2	7.7	5.4	4.3	4.5
519	Other information services	10.7	10.3	10.6	8.9	X	X	1.0	0.7	X	X	10.5	X	X
52	Finance and insurance	3.4	2.9	2.8	2.8	2.7	3.9	0.7	0.9	1.4	4.5	3.1	2.3	2.4
52 pt	Finance and insurance (except monetary													
	authorities-central bank)	3.4	3.0	2.9	2.9	2.8	4.0	0.7	0.9	1.5	4.6	3.2	2.4	2.5
521	Monetary authorities-central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities	4.6		4.3					0.7	1.7	8.7	4.4	5.0	
5221	Depository credit intermediation	9.1	8.1	8.0		X	X		0.8	X		8.6		
5222	Nondepository credit intermediation	2.9	2.5	2.8			X		0.7	X		2.6		
5223	Activities related to credit intermediation	5.2	4.9	4.6	4.8	X	X	0.6	1.4	X	X	5.1	X	X
523	Securities, commodity contracts, and other financial	2.0	2.7	2.0	<i>5</i> 0	<b>5</b> 0	2.1	1.7	0.5	2.0	5.0	2.6	2.0	2.2
5221	investments and related activities	2.8	2.7	2.8	5.2	5.0	3.1	1.7	0.5	3.8	5.9	2.6	3.0	3.2
5231	Securities and commodity contracts intermediation and brokerage	4.7	6.0	6.5	10.6	10.2	16	1.7	1.4	67	11.5	5.2	5.4	5.0
5232	Securities and commodity exchanges	4.7 Z	6.0 Z	6.5 Z	10.6 Z	10.2 Z	4.6 Z	1./ Z	1.4 Z	6.7 Z		5.3 Z	5.4 Z	
5239	Other financial investment activities	5.1	3.7	3.7	3.1	3.2			1.3	2.2		4.3		
524	Insurance carriers and related activities	4.5	4.2	4.1	3.9									
5241	Insurance carriers	4.7	4.3		4.3				1.8			4.5		
5242	Agencies, brokerages, and other													
	insurance related activities	6.2	6.1	6.0	6.3	4.8	14.8	0.7	3.9	2.8	18.7	6.1	7.6	8.3
		4.7	4.3	4.2	4.4	X	X	2.0	1.0	X	X	4.5	X	X
53	Real estate and rental and leasing													

### Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

	•	Coefficient of variation for total revenue						Year to date						
2007		Co	efficient	of variat	ion for to	otal rever	nue	Standard error for percent change					cient of ation	Standard error
NAICS	Kind of business	2Q	2Q 1Q 4Q 3Q 2Q 1Q 2Q 2013 1Q 2013 2Q 2013 1Q 2013 2 2013 2 2013 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				2012	2013						
code		2013 (p)	2013 (r)	2012	2012	2012	2012	from 10, 2013	from 4O 2012	from 2O 2012	from 10, 2012	<b>(p)</b>		from 2012
		(P)	(1)					(p)	(r)	(p)	(r)			(p)
5311	Lessors of real estate.	10.3	9.3	8.4	8.7	X	X	5.7	1.6	X		9.7	X	X
5312 5313	Offices of real estate agents and brokers	4.2 4.2	3.6 3.5		5.0 5.0	X X	X X	3.3 2.3	1.7 2.3	X X		3.8 3.7	X X	X
532	Activities related to real estate	11.4	10.5	3.4 10.3	11.6	9.7	4.6	0.9	1.7			10.9	5.3	X 6.1
5321	Automotive equipment rental and leasing	10.5	9.5	8.9	9.7	9.7	4.7	1.1	0.6			10.9	4.1	6.1
5321	Passenger car rental and leasing	16.0	14.0	13.3	14.1	13.6		1.4	0.6	2.2		15.1	6.1	8.3
53212	Truck, utility trailer, and RV (Recreational	10.0	1.10	10.0	11	15.0	, 10	1	0.0	2.2	10.5	1011	0.1	0.5
	Vehicle) rental and leasing	4.4	4.6	4.7	5.4	5.2	7.9	1.5	0.6	2.5	8.7	4.5	5.3	3.9
5322	Consumer goods rental	14.3	14.4	11.8	11.1	11.3	7.7	2.1	3.7	4.4	26.5	14.3	5.8	10.0
5323	General rental centers	11.3	13.4	10.7	7.4	15.4	8.9	1.9	1.9	5.0	6.7	12.3	12.6	4.5
5324	Commercial and industrial machinery and													
	equipment rental and leasing	15.5	14.9	14.5	16.7	14.0	10.4	1.7	4.2	4.9	27.3	15.2	8.9	9.2
533	Lessors of nonfinancial intangible assets													
	(except copyrighted works)	5.5	4.2	5.3	6.3	6.2	7.5	4.4	4.0	8.9	18.0	4.3	4.3	10.4
54	Professional, scientific, and technical services	1.5	1.5	1.3	1.8	1.7	4.4	0.8	0.9	1.1	4.9	1.5	2.6	2.3
5411	Legal services	1.7	3.2	3.1	3.2	2.6	11.3	2.1	0.7	2.5	9.0	2.4	5.8	5.2
5412	Accounting, tax preparation, bookkeeping,													
	and payroll services	1.9	2.1	2.5	1.7	2.6	7.8	1.6	3.1	1.8	9.4	1.8	3.9	4.6
5413	Architectural, engineering, and related services	4.3	3.5	4.1	3.8	2.6	5.8	1.5	2.4	3.0	8.8	3.9	2.7	4.2
5413 pt	Architectural and related services	6.4	6.3	5.9	5.7	5.6	9.1	2.4	4.1	6.1	11.8	6.3	5.1	7.4
54133	Engineering services		4.2	4.6	4.2	3.0	5.7	1.9	2.4	3.6		4.7	2.8	4.7
5414	Specialized design services.		2.7	5.1	5.9	X	X	2.7	5.3	X		3.4	X	X
5415	Computer systems design and related services	5.6	5.4	5.3	4.8	5.2	9.2	1.6	1.7	4.5	16.1	5.4	5.5	6.7
5416	Management, scientific, and technical consulting services	4.2	4.0	4.1	2.0	2.0	4.2	1.2	1.6	2.0	10.4	4.1	2.7	4.0
5417	Scientific research and development services	4.3 10.2	4.0 9.9	4.1 5.2	3.8 8.5	3.6 8.0	4.3 11.3	1.3 4.3	1.6 5.1	2.6 5.8		4.1 9.9	2.7 7.2	4.0 9.6
5417	Advertising, public relations, and related services	6.6	5.9	6.8	5.8	6.2	3.8	3.1	1.7	1.7		6.1	3.7	3.8
5419	Other professional, scientific, and technical services	10.1	10.7	6.5	7.8	X	3.6 X	0.9	3.8	1.7 X		10.4	X	3.8 X
	omer professionar, scientific, and technical services	10.1	10.7	0.5	7.0	71	21	0.7	3.0	21	21	10.4	21	24
56	Administrative and support and waste													
5.61	management and remediation services	3.0	2.7	2.6	2.1	3.4	3.5	0.7	0.4	1.6		2.8	3.4	2.2
561 5613	Administrative and support services  Employment services	3.6 9.9	2.9 9.6	2.8 8.9	2.5	3.7 6.6	3.8 6.7	1.0 0.9	0.5	2.0 2.9		3.3 9.8	3.7 6.6	2.7 4.5
5615	Travel arrangement and reservation services		4.3	4.0	8.6 6.2	3.5	5.0	4.9	1.8 4.3	2.9	7.9	3.4	1.3	3.1
561 pt	Other administrative and support services	3.8			3.2	2.4	4.1	1.5	1.1	2.3			1.7	4.4
562	Waste management and remediation services	9.0		9.8	10.2	11.5	8.5	1.5	1.1	3.1	18.2	9.3	6.4	5.7
	waste management and remodulation set vices													
61	Educational services	3.7		2.7	2.2	2.7	5.4	1.5	1.9	2.3		3.7	3.0	3.9
6114	Business schools and computer and management training	7.5	6.2	5.8	5.1	4.9	14.0	3.3	5.3			6.6		14.1
6115 6116	Technical and trade schools  Other schools and instruction	8.9 7.5	8.4 6.0	6.3 2.7	6.8 4.9	6.6 X	15.5 X	2.4 4.3	4.7 5.1	6.4 X		8.6 6.6		9.8 X
6117	Educational support services	2.3	2.9		2.9			3.7	3.5			2.0		7.0
0117	Educational support services	2.3	2.7	2.2	2.7	1.0	10.1	3.1	3.3	3.2	11.3	2.0	5.5	7.0
62	Health care and social assistance	2.3	2.4	2.1	2.2	2.2	1.7	0.3	0.6	0.8	2.9	2.3	1.4	1.4
621	Ambulatory health care services	1.3	1.5		1.7	1.8		0.6	0.4	1.0		1.4	1.4	1.9
6211	Offices of physicians	3.6	4.0	3.8	4.2	4.3	5.4	1.2	0.8	1.4	8.6	3.8	2.6	3.8
6212	Offices of dentists	S	3.8	3.8	3.6	3.3	7.2	S	0.9	S	6.3	S	4.3	S
6213	Offices of other health practitioners	4.0	3.6	3.5	2.9	3.4	5.6	1.4	1.1	1.8	3.8	3.7	4.1	2.1
6214	Outpatient care centers	3.0	3.1	2.9	2.8	2.5	4.1	0.9	1.0	1.5	6.2	3.0	2.2	2.9
6215	Medical and diagnostic laboratories	3.5	3.8	3.7	2.8	2.1	4.7	0.8	1.5	2.0		3.6	2.8	2.4
6216	Home health care services	3.7	3.6		3.3	3.2	12.3		1.5			3.6		5.5
6219	Other ambulatory health care services	3.8	3.1	2.3	2.7	2.4	3.7		1.3					3.8
622	Hospitals	4.9	4.9	4.1	4.4	4.2		0.4	1.0			4.9	3.3	2.4
6221	General medical and surgical hospitals	5.3			4.8	X	X		1.1	X		5.3	X	X
6222 6223	Psychiatric and substance abuse hospitals	4.6	4.2	3.3	3.7	X	X	1.2	1.4	X	X	4.3	X	X
0223	Specialty (except psychiatric and substance abuse) hospitals	4.4	4.5	4.1	2.6	X	X	0.6	0.6	X	X	4.5	X	X
623	Nursing and residential care facilities				3.4		4.8							
1023	1.6101115 und residential care facilities	2.9	J.0	5.4	5.4	7.1	7.0	1.0	0.7	2.0	0.0	3.2	2.0	5.0

#### Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

							Ŋ	ate						
2007		Co	efficient	of variat	ion for to	tal rever	iue	Standar	d error fo	or percen	Coefficient of		Standard	
NAICS	Kind of business	20	10	40	30	20	10	20 2012	20 2013 10 2013 20 2013 10 201				ation 2012	error 2013
code	Mild of business	2Q 2013	2013	2012	2012	2Q 2012	2012	from	from	from	from	2013 (p)	2012	from
code		( <b>p</b> )	(r)								1Q 2012	(P)		2012
								( <b>p</b> )	(r)	( <b>p</b> )	(r)			<b>(p)</b>
624	Social assistance	4.6	5.4	4.3	3.9	3.6	6.6	2.0	2.1	2.2	11.0	4.9	3.2	5.9
6241	Individual and family services	5.7	5.9	4.7	3.9	3.9	6.8	3.2	3.1	3.3	10.3	5.6	4.4	6.0
6242	Community food and housing, and emergency													
	and other relief services	5.1	3.0	3.1	2.7	2.8	5.3	2.9	0.7	4.1	11.5	3.9	2.2	6.1
6243	Vocational rehabilitation services	10.6	10.6	10.9	12.6	12.1	20.6	2.8	1.8	3.7	19.1	10.5	11.2	9.9
6244	Child day care services	8.2	9.6	8.2	6.8	6.3	8.1	2.1	2.6	4.2	16.3	8.8	3.1	8.3
71	Arts, entertainment, and recreation	2.2	3.1	3.5	2.2	1.8	3.9	2.3	1.5	1.1	4.0	2.5	2.6	2.0
711	Performing arts, spectator sports, and related industries	4.0	3.1	5.4	2.2	3.4	7.6	4.8	3.6	2.3	8.4	3.0	3.5	3.6
7111	Performing arts companies	5.1	3.7	4.2	6.3	6.6	7.7	4.5	3.9	7.2	11.5	3.9	4.2	6.0
7112	Spectator sports	9.3	11.4	14.1	5.8	10.0	18.6	11.5	8.2	4.3	24.8	9.2	11.0	7.7
7113	Promoters of performing arts, sports, and similar events	6.6	7.8	4.4	4.1	6.2	6.5	9.1	8.8	3.1	9.5	5.9	3.1	5.3
7114	Agents and managers for artists, athletes,													
	entertainers, and other public figures	16.8	12.3	13.6	12.9	12.9	10.1	7.0	2.7	8.3	23.4	14.5	5.7	10.2
7115	Independent artists, writers, and performers	7.2	6.6	6.8	6.9	7.6	7.7	3.3	6.7	4.7	15.9	6.7	6.8	6.9
712	Museums, historical sites, and similar institutions	5.7	3.9	6.0	3.3	5.8	5.7	8.8	5.2	4.9	5.9	3.9	4.6	3.9
713	Amusement, gambling, and recreation industries	4.8	5.0	4.0	3.9	4.2	6.6	1.8	2.0	1.2	11.3	4.8	3.9	4.8
7131	Amusement parks and arcades	4.1	3.6	3.7	4.7	4.2	8.2	3.4	2.7	0.9	7.7	3.8	5.0	2.9
7132	Gambling industries	10.3	11.0	9.7	9.4	9.6	12.1	2.2	2.6	2.6	18.2	10.6	7.4	9.7
7139	Other amusement and recreation industries	7.6	6.8	6.4	6.3	6.4	8.8	1.9	2.7	2.2	14.1	7.2	5.9	6.5
81	Other services (except public administration)	2.2	2.4	2.8	1.4	1.6	3.4	1.6	2.7	1.3	3.7	2.1	2.0	2,2
811	Repair and maintenance	4.3	3.6	4.1	3.7	3.7	8.0	1.2	1.5	2.7	8.7	3.9	4.3	3.7
8111	Automotive repair and maintenance	7.0	6.6	6.9	5.9	5.5	13.4	1.6	3.7	3.9	19.9	6.8	4.8	6.2
8112	Electronic and precision equipment repair													
	and maintenance	10.3	8.3	11.2	8.6	8.2	18.7	3.3	3.5	2.7	32.7	9.2	9.3	9.8
8113	Commercial and industrial machinery and equipment													
	(except automotive and electronic) repair and													
	maintenance	9.1	10.2	9.9	9.7	9.7	18.3	2.0	3.3	5.1	20.1	9.6	11.4	10.3
8114	Personal and household goods repair and maintenance	8.1	6.4	6.2	4.6	4.9	17.7	4.2	2.3	6.6	34.9	7.2	8.2	9.2
812	Personal and laundry services	3.8	4.4	4.2	3.2	3.4	5.3	1.2	1.0	1.8	5.9	4.0	3.7	3.0
8121	Personal care services	6.5	8.3	7.4	6.2	6.0	7.4	3.2	2.0	3.2	21.9	7.3	3.6	8.2
8122	Death care services.	6.7	5.9	6.9	7.0	7.6	11.1	1.3	1.8	3.3	15.3	6.3	6.8	6.3
8123	Drycleaning and laundry services	8.4	7.8	7.4	6.0	7.4	4.7	2.5	1.0	4.1	5.5	8.0	5.1	3.9
8129	Other personal services	5.3	6.9	7.0	7.0	4.4	14.4	2.5	1.9	2.6	19.6	6.0	7.7	5.9
813	Religious, grantmaking, civic, professional, and													
	similar organizations	2.4	4.2	4.2	2.5	2.0	3.5	2.9	4.8	1.4	7.4	3.0	1.7	4.3

<sup>(</sup>p) Preliminary estimate. (r) Revised estimate. X Not applicable. Z Absolute value is less than .05.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability or poor response quality.

#### **Survey Description**

The U.S. Census Bureau conducts the Quarterly Services Survey (QSS) to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,000 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey (SAS) sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2007 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
22	Utilities	5
48-49	Transportation and warehousing	24
51	Information	13
52	Finance and insurance	15
53	Real estate and rental and leasing	31
54	Professional, scientific, and technical services	38
56	Administrative and support and waste management and remediation services	35
61	Educational services	38
62	Health care and social assistance	36
71	Arts, entertainment, and recreation	34
81	Other services (except public administration)	37

Quarterly estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at http://www.census.gov/services/index.html.

#### **Description of Seasonal Adjustment**

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly revenue estimates as input to the Census Bureau's X-13ARIMA-SEATS program. With each quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see <a href="http://www2.census.gov/services/qss/qssseasfactors.xls">http://www2.census.gov/services/qss/qssseasfactors.xls</a>. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at <a href="http://www.census.gov/services/qss/seasonally\_adjusted\_faqs.html">http://www.census.gov/services/qss/seasonally\_adjusted\_faqs.html</a>.

#### **Reliability of the Estimates**

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation (CV). The sampling variance is defined as the square difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected usi

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is  $\pm1.5$  percentage points, then the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.